

Name: \_\_\_\_\_  
Parent Signature: \_\_\_\_\_

## Unit Five Test Preparation Planner

Fill in the table below to help organize your preparation for the Unit Five test!  
Remember that you should be spending **TWENTY** minutes per day on studying,  
**including this WEEKEND!**

Date	Item(s)	Planned Start/End Time
<b>Wednesday, 3/4</b>	Fill in test prep plan  Complete homework	
<b>Thursday, 3/5</b>		
<b>Friday, 3/6</b>		
<b>Saturday, 3/7</b>		
<b>Sunday, 3/8</b>		
<b>Monday, 3/9</b>	<b>Study guide is DUE in class TODAY</b>	
<b>Tuesday, 3/10</b>	<b>Test is today!</b>	

## Studying Checklist

- \_\_\_ **Required:** Complete the **Study Guide** in its entirety.
- \_\_\_ Re-read your notes and create a study sheet of key ideas, definitions, and problem procedures. Create flashcards for key vocabulary and ideas.
- \_\_\_ Attend **tutorial**. You must sign up in advance.
- \_\_\_ Email Ms. Pike/Kolb with any questions
- \_\_\_ REDO problems from your homeworks you did not answer correctly the first time.
- \_\_\_ REDO problems from the unit's quizzes, especially the ones you got wrong.
- \_\_\_ Take the online lesson quizzes from the textbook (see link on wikispace).
- \_\_\_ Watch LZ videos linked on the wikispace

### **Complete more practice with concepts you need to practice.**

- \_\_\_ Practice packet(s) uploaded on wiki
- \_\_\_ p. 284 - 286 in your textbook : pick and choose the problems you need to work on. Note: not all problems on these pages are on your test

# Unit 5 Study Guide

## Lesson 1 and 2

Put in order least to greatest.

①  $0.4, \frac{3}{5}, \frac{1}{2}, \frac{3}{10}$       ②  $-\frac{3}{8}, -\frac{3}{4}, -0.38, -0.6$

③  $\frac{1}{4}, -\frac{1}{5}, 0.2, \frac{2}{5}$ .      ④ Create a # line for  $\frac{4}{5}, 1\frac{2}{5}, -\frac{3}{5}$ , and  $-1\frac{1}{5}$

\* you should be able to convert b/t fractions and decimals fluently! \*

## Lesson 3 and 4

Solve.

5.  $4\frac{1}{2} + 1\frac{1}{6}$

6.  $-3\frac{3}{8} + 1\frac{1}{4}$

7.  $-3\frac{5}{6} - 2\frac{3}{4}$

8.  $1\frac{3}{10} \times -1\frac{1}{6}$

9.  $3\frac{7}{8} \times -1\frac{1}{2}$

10.  $-\frac{11}{10} \div -\frac{7}{8}$

11.  $-10\frac{1}{7} \div -\frac{4}{9}$

12. Mrs. Pike has licorice ropes to give to students. She has 6 licorice ropes and she wants to give each student  $\frac{3}{5}$  of a rope. How many students can she give portions to?

13. Mrs. Kolb gave  $\frac{3}{5}$  of a licorice rope to each of 6 students. How many licorice ropes did she have?

## Lesson 5 Solve and Check

14.  $x + 1\frac{1}{2} = -1\frac{2}{5}$

15.  $K - 1 = 3\frac{3}{8}$

16.  $-\frac{3}{40} = \frac{n}{8}$

17.  $3\frac{2}{7}n = 32\frac{6}{7}$

18.  $-2\frac{1}{5} + x = 4\frac{7}{8}$



# Unit 5 Study Guide

Lesson 6 Write an equation for each.

19. Anja is cooking a casserole. The recipe calls for  $4\frac{1}{2}$  cups rice. She has already put in  $3\frac{5}{7}$  cups. How many more cups does she need to put in?
20. Amy split her cake between 7 friends. If each person got  $2\frac{3}{4}$  in pieces, how big was the cake?

## Application

21. Find the mean, median, mode and range of  $\frac{3}{4}, 2\frac{1}{4}, 2\frac{1}{5}, 1\frac{3}{4}, 2\frac{1}{4}$
22. Find the  $A = LW$  when  $L = 2\frac{3}{4}$  cm  
 $W = 1\frac{2}{5}$  cm
23. Find  $V = LWH$  when  $L = 1\frac{3}{5}$   
 $W = 2\frac{1}{6}$   
 $H = 7\frac{4}{5}$